ninoSAFE

Superior
Operator and Product
Protection

Mobile Cage Changing Station ninoSAFE MCCU

Superior operator and product protection

Nino Labinterior manufactures intelligent engineered biological safety cabinets that provide clean air solutions for a wide range of applications, ranging from routine work with potentially hazardous samples to handling cytotoxic compounds. ninoSAFE provides the level of operator, product and environmental protection you need and every cabinet is designed to make working safely as easy and as comfortable as possible.

Engineered by Experience - Compact design but still best usable inner dimensions.

ninoSAFE MCCU Mobile Cage Changing Station, highlights:

- ninoSAFE MCCU is a completely new developed unit – True Innovation!
- It contains the latest technology in filters and fans as well as controller
- Compact design with rounded corners
- High quality silent wheels, one pair lockable
- Super silent operation with noise level <52 dB(A)!
- Full operator protection – fully EN12469 compliant with >0,42 m/s inflow with both sides open!
- Double ventilated table tops prevent any cross contamination between right and left side
- Several table tops options in different material to choose from
- Low weight <200 kg makes it easy to move
- High light intensity – dimmable 0-1500 Lux
- Electrically elevated support, programmable for different users
- Worldwide remote support for fast and easy service
- Easy-to-change prefilter cassettes
- H14 filters for supply and exhaust air
- Optional activated carbon filter for exhaust air – reducing e.g. carcinogenic gasses as well as odours
- Optional autoclavable stainless steel food doser
- Optional battery backup for running the unit w/o electrical connection

ninoSAFE biological safety cabinets have been tested and validated at customers since 2015 reassuring their performance, reliability, quality and ease of use. The latest technology in combination with State-of-the art technique ninoSAFE offers advanced products yet easy to clean and simple to maintain. Scandinavian design brings ergonomics to a higher level. Dimmable LED light comes as standard feature together with remarkably low noise levels. Support stands are available in either manually or electrically adjustable, all in clean room design. Nino Labinterior's motto is "Special is our standard" meaning that all our products can be custom made and configured to meet every specific requirement within reasonable time and budget.
We work closely with our customers to create and support biological safety cabinets that offer unmatched quality, precision and reliability with highest level of cleanability.

Engineered by Experience

Worldwide remote support

ninoSAFE biological safety cabinets can be order with a unique remote support offering unmatched user support, trouble shooting, adjustments and update service. Furthermore the system allows up to 12 months of continuous data backup.
With customer approval we access the cabinet remotely wherever it is installed, requiring only open internet access. High security and without managing firewalls.

Noise

Field case studies prove that ninoSAFE MCCU measure <52 dB(A).
By applying the latest filter and fan technology into our products we know what can be achieved

Standard Features

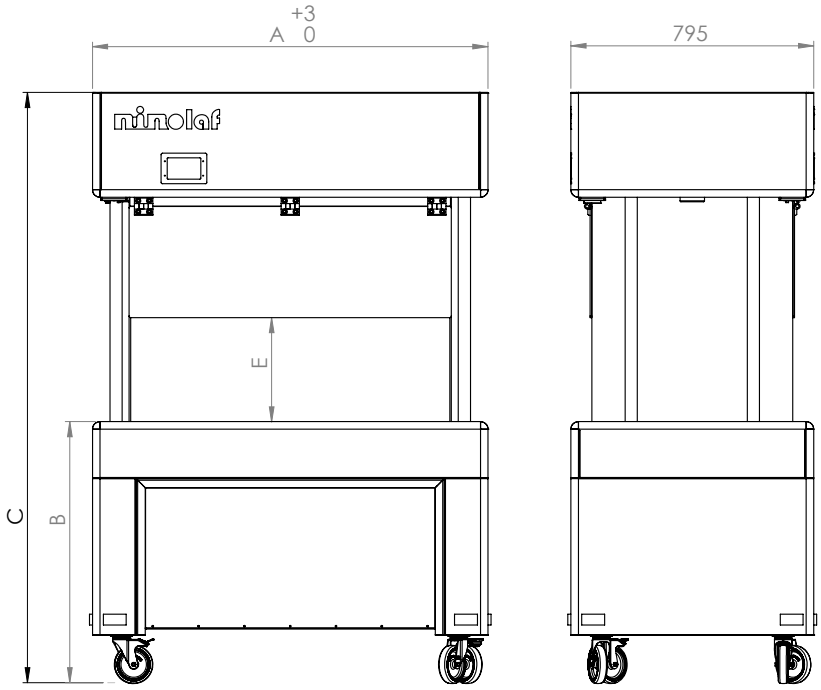
All ninoSAFE biological safety cabinets come with dimmable LED lighting.
Adjustable or electrical elevation support stands at your choice operated directly from the OP touch panel.

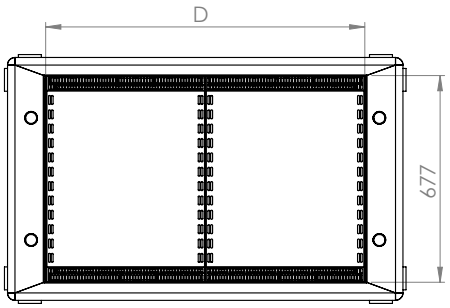
"Special is our Standard"

Superior Lab Solutions

Technical specifications ninoSAFE BSC			
Type		**nS mccu 1300**	**ns mccu 1600**
Dimensions			
External dimensions, WxDxH	mm	1295 x 795 x 1935-2285	1595 x 795 x 1935-2285
Internal dimensions, WxD	mm	1045 x 677	1345 x 677
Front window opening	mm	350 / 700 (open)	350 / 700 (open)
Work height, standard support stand	mm	854-1204	854-1204
Minimum door way		800	800
Weight			
Equipment	kg	195	220
Air velocity			
Vertical flow	m/s	0.28 (adjustable 0.25 -0,38)	0.28 (adjustable 0.25 -0,38)
Inflow	m/s	0.42	
Deviation	±%	<8	<8
Noise			
Noise level ISO3744	dB(A)	52	54
Ventilation			
Down flow rate	m3/h	710	920
Exhaust flow rate	m3/h	2060	2350
Filter technology			
Main/Exhaust	Type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size Optional exhaust activated carbon	
Light			
LED	Lux	0-1500, dimmable	
Electrical data			
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60	
Power consumption, from	W	100	130

Our models are built and tested according to national and international standards including:
EN 12469, EN 61010-1





SECTION A-A

nino SAFE mccu						
Cabinet	A - Length	B - Work Height	C - Top Cabinet	D - Work area Length	E - Work opening - height	W - Weight
nino SAFE 1300 mccu	1295 mm	854 - 1204 mm	1935 - 2285	1045 mm	350 mm/700 mm (open)	195 kilo
nino SAFE 1600 mccu	1595 mm	854 - 1204 mm	1935 - 2285	1345 mm	350 mm/700 mm (open)	220 kilo

Separate control and status/alarm display for clear information

Easy-to-use intuitive user interface with touchscreen

Easy-to-clean electrical outlets

ninoSAFE - A complete range also available in following models:

ninoSAFE plus (EN12469, DIN12980)
ninoSAFE B2
ninoSAFE XL (EN12469)
ninoSAFE XL plus (EN12469, DIN12980)
ninoSAFE sterile (Clean bench)
ninoSAFE class II (EN12469)
ninoSAFE horisontal
ninoSAFE class I (EN12496)

Questions? For more information contact us at info@ninosafe.com

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